

Amendments to the Claims:

This listing of Claims will replace all prior versions, and listings, of Claims in the application.

Listing of Claims:

1. (Currently amended) In a display, ~~said display~~ comprising a subpixel repeating group, said subpixel repeating group further comprising at least one white subpixel and a plurality of colored subpixels, wherein colors of said subpixels define a second color space, a method for rendering input image data of a first color space onto said display of ~~[[a]] said~~ second color space, the steps of said method comprising:
receiving input image data for rendering on said display;
converting said input image data from said first color space to image data of said second color space;
subpixel rendering each individual color plane of said image data of said second color space to produce subpixel rendered image data; and
sharpening the subpixel rendered image data with a luminance signal.
2. (Currently amended) The method of Claim 1 wherein a format of said first color space- input image data is one of a group, said group comprising: RGB, sRGB, and YCbCr.
3. (Currently amended) The method of Claim 2 wherein said second color space is one of a group, said group comprising: RGBW, ~~RGBW+L~~, RGBCW[[+L]], and RGBMW[[+L]].
4. (Currently amended) The method of Claim 1 wherein the step of subpixel rendering further comprises constructing filter ~~kernels~~ kernels from area resampling.
5. (Currently amended) The method of Claim 4 wherein said step of constructing filter ~~kernels~~ kernels further comprises mapping luminance image data onto said white subpixels.

6. (Previously presented) The method of Claim 4 wherein the step of subpixel rendering further comprises mapping chrominance data onto said plurality of colored subpixels.

7. (Original) The method of Claim 6 wherein the step of mapping the chrominance data onto said plurality of colored subpixels further comprises shifting the phase of at least one color plane to interstitial positions of said colored subpixels.

8. (Currently amended) The method of Claim ~~[[6]]~~ 1 wherein the step of ~~mapping the chrominance sharpening said subpixel rendered image data onto said plurality of colored subpixels~~ further comprises sharpening at least one color plane with luminance data.

9. (Currently amended) The method of Claim 8 wherein the step of sharpening at least one color plane with luminance data further ~~comprising~~ comprises sharpening with a difference of gaussian filter.

10. (Currently amended) The method of Claim 6 wherein the step of mapping the chrominance data onto said plurality of colored subpixels further comprises cross-color sharpening said chrominance data.

11. (Original) The method of Claim ~~[[6]]~~ 1 wherein the step of ~~mapping the chrominance sharpening said subpixel rendered image data onto said plurality of colored subpixels~~ further comprises self-sharpening.

12. (Previously presented) The method of Claim 5 wherein said step of mapping luminance image data onto said white subpixels comprises using one of a group of filters, said group comprising: a tent filter, a box filter, a unity filter, a box-cubic filter, and a tent-cubic filter.

13. (Currently amended) The method of Claim 4 wherein the step of constructing filter ~~kernals~~ kernels from area resampling further comprises finding a reduced set of filters according to reconstruction symmetries.

14. (Previously presented) The method of Claim 13 wherein the step of finding a reduced set of filters further comprises applying corrections for offset positions.